

ABSTRACT

A phase distribution section 307 distributes phase rotations, which are indicated by feedback information transmitted from a communication terminal apparatus, to antenna elements 312, 313, respectively. Signals indicating the phase rotations for each antenna are transmitted to phase rotation sections 308, 309. The phase rotation sections 308, 309 adds the phase rotations to transmitting signals after spreading processing in a dedicated-channel spreading section 306, using the phase rotations distributed in the phase distribution section 307. The transmitting control sections 310, 311 amplifies the output signals from the phase rotation sections 308, 309 after frequency conversion into radio frequencies, and then transmits them through the antenna elements 312, 313.